Developing a culture of security awareness: Based on your culture

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Information Security Program Manager
Autodesk and Me

- Leader in 3D design, engineering and entertainment software
- We help people Imagine, Design and Create
- About 30 years old, and makers of AutoCAD
- Last 21 Academy Award Winners for visual effects use Autodesk software
- ~60 offices globally and ~12,000 employees

- Akshay Shetty, CISSP, CISM
- Information Security Program Manager at Autodesk Inc.
- Over 5 years of experience in various Information Security domains
- Prior Big 4 consulting experience
- Leading Autodesk’s Security Awareness Program for the last 2 years
Overview

Problem:
How to identify culture and integrate it with training to develop an effective security awareness program?

Culture and Security
Security Culture Framework
Training Methods
Autodesk’s Security Awareness Program
Tangible Elements of Org Culture

- Hierarchical Structure
- Type of Business
- Demographic
- Communications
- Emotional Quotient
- Motivation
Autodesk’s Culture

**Business Type**
Design company demands innovative methods & good UX

**Motivation**
Respond better if prizes, gifts, giveaways are involved

**Emotional Quotient**
Sensitive to testing

**Hierarchy**
Top down driven

**Demographic**
Extreme – more than 10 years or less than 4 years at Autodesk

**Communications**
Prefer only Email communications
Security Culture Framework
Autodesk’s Security Awareness Framework

- Incentivized
- Fun learning
- Creative, “eye-catching” methods
- SANS and NIST-800 based, aligned with industry peers
- Establish metrics and foundation for continuous improvements
- Formalize a fun, modern and sustainable program
- Develop security awareness activities on targeted topics
- Collaborate with other Autodesk BUs
- Establish metrics and foundation for continuous improvements

Autodesk Information Security Awareness Program
Training Methods

• **Formal Training**
  • Structured, Controlled
  • Based on Policy and Standards
  • Usually mandatory
  • In-person, CBT, Video

• **Informal Training**
  • Supporting training
  • Voluntary
  • Posters, Newsletters, Lunch and Learns
Training Methods

- **Formal Training**
  - Annual Information Security Training
  - Policy, Standards and Guidelines Training

- **Informal Training**
  - Annual Global Awareness Event
  - Posters, Monthly Newsletters
  - Phishing Assessment Campaigns
  - Security Networking at Sports Events
Autodesk’s Formal Training

- Annual Information Security Training
- Policy, Standards and Guidelines Training
Autodesk’s Security Awareness Event – “reboot”

- Kick off with external speakers
- Lunch and Learns
- Online Contests
- Hands-on Labs
- Hackathons
Print Awareness

EIS PULSE News Stream

May 2016

Welcome to the EIS PULSE News Stream monthly digest designed to help Autodesk employees stay up to date on the latest news from Employee Information Services (EIS) and share tips & tricks from fellow Autodeskers. Feedback is welcome! You can also set a customizable email alert to be notified when new articles are published throughout the month. How feedback for us? Let us know!

Featured Articles

Windows 10 Print Update – Limited. Small虫 it Starts May 30

reboot comes to the UK 14 June, Part Two 19 June

reboot, Autodesk's annual Information Security Awareness month, is coming to the UK.

BOLTS IS DISAPPOINTED!

Why should you lock your computer?

This prevents others from viewing or using your devices when you’re not around. Please help us to protect your data and Autodesk’s data. Ensure you lock your screens before you step away.

HOW DO YOU LOCK YOUR COMPUTER SCREEN?

Mac: CONTROL + SHIFT + POWER Windows: ALT + L

Feel free to pass this note off to your friend with an unlocked computer.

If you have any other questions, contact isrc.communications@autodesk.com.

SECURITY MATTERS

FOLLOW THE POLICY

Manage your passwords. Change them frequently. Don't share them. Don't lose them.

MANAGE YOUR PASSWORDS

TRUST BUT VERIFY

Never open attachments from unknown senders. Be cautious of phishing attacks and emails mimicking official Autodesk systems.

PROTECT YOUR MOBILE DEVICE

Regularly update mobile device software. Use mobile device encryption and password protection.

PROTECT YOUR MOBILE DEVICE

THINK BEFORE YOU POST

Ensure that your posts do not contain any information on Autodesk’s confidential information.

TRAVEL SMART

Securely store and handle company data with extra care. Report any lost or stolen equipment.

PROTECT YOUR DATA

BE AWARE AND SPEAK UP!

Report any suspicious activities to isrc.communications@autodesk.com.
Phishing Assessment Campaigns

Work with BUs to make it more relevant and effective
Networking at Sports Events

ISRC SECURITY MATTERS

WIN PRIZES BASED ON HOW WELL YOU PLAY!

- Go Out and Win (All Horse and Qualify)
  - Reusable T-shirt

- Win $10 of the Fly (All Horse and Qualify)
  - Reusable Headie

- Closest to the Pin (3 persons)
  - Machine 2, black, white
Motivation

“I Caught A Phish” campaign

Online contests

Security branded giveaways

Sponsor sports events
Future Awareness Activities

- Gamification
- Mandatory Training
- Personal Security
Identify Training Methods

Integrate and Design Program

Implement

Continuously Assess

Live Your Culture
To do when you get back

Aug
Live Your Culture
Determine culture tangibles for your company

Sep
Assess Training
Identify Formal and Informal training opportunities

Oct
Design your program
Integrate culture within your training content
Design communications and marketing
Design activities and assessment cycle

Nov
Dec
Jan
Questions?

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